



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

California State Office

2800 Cottage Way, Suite W1834

Sacramento, California 95825

www.ca.blm.gov

November 8, 2001

In Reply Refer To:

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Instruction Memorandum No. CA 2002-006

Expires: 9/30/03

To: AFO's

From: State Director

Subject: Revision of California Special Status Plant List

DD: 12/14/01

Recently the California Native Plant Society (CNPS) released their long overdue *6th Edition* of the *Inventory of Rare and Endangered Plants of California*. As a result, it is time to update the California BLM sensitive plant list. BLM policy (BLM Manual Supplement 6840.06) states that all plant species on List 1B (Plants, Rare , Threatened or Endangered in California and Elsewhere) of the most recent edition of the California Native Plant Society's *Inventory of Rare and Endangered Plants of California* that are on BLM lands or affected by BLM actions (and are not already Federally listed as Threatened or Endangered, proposed for Federal listing in the Federal Candidate list, or State listed as Rare, Threatened or Endangered), are designated as sensitive species in California. Therefore, any plants currently listed as 1B within the 6th edition of the Inventory, are now considered BLM sensitive species. In addition, other plants not currently listed as 1B species may be designated as sensitive in accordance with the following procedure:

- The request must demonstrate clearly that designation of the species as sensitive is warranted, and be based on biological information for the species and its habitat.
- Should detail threats or potential threats to species and its habitats and how the special -management afforded by designation will help the species.

Therefore, a paragraph detailing the known information, and potential threats should be completed for each species requested for addition to the sensitive species list. The requests will then be forwarded on the State Director for signature.

Attached are three documents for your use. The List Changes document is a table, highlighting the obvious changes found in the 6th Inventory. The All Offices File contains the current s

sensitive plant list, by state State Office staff, with status information and the Field Office within which each species is suspected or known to occur. Finally, List 1B documents contains an alphabetical list of all 1B plants within the new inventory. Please use these documents to help provide the following information:

- Review the List Changes document, and provide comments. Recommendation will be followed unless a case is made for the species to remain on the sensitive species list.
- Review the current State Sensitive Species List and document any incorrect information, or changes which need to be made (i.e., new field office, change from a known to suspected etc.).
- Provide documentation for additional plants, other than List 1B, state and federally listed species, that you would like to add to the sensitive list, following the criteria provided above.

As you are aware the official special status plant list includes the category “suspected”. We intend to continue this practice because it allows the Field Offices to document potential occurrences that staff and contractors should include in plant surveys. We caution you, however, to be judicious in what plants you include in your list of suspected species. You should include only those plants you consider to have a high likelihood of occurring in BLM lands.

Please submit the requested information or any questions to John Willoughby or Allison Sanger by December 14, 2001.

Signed

James Wesley Abbott
Acting State Director

Authenticated

Louise Tichy
Records Management

3 Attachments

- 1 - 6th Edition 1B (19 pp.)
- 2 - List changes (3 pp.)
- 3 - All Offices Chart (Excel)

| NAME | LIST | RED_CODE |
|--|------|----------|
| <i>Abies bracteata</i> | 1B | 3-1-3 |
| <i>Abronia alpina</i> | 1B | 3-3-3 |
| <i>Abronia umbellata</i> ssp. <i>breviflora</i> | 1B | 2-3-2 |
| <i>Abronia villosa</i> var. <i>aurita</i> | 1B | 2-3-3 |
| <i>Acanthomintha duttonii</i> | 1B | 3-3-3 |
| <i>Acanthomintha ilicifolia</i> | 1B | 2-3-2 |
| <i>Agave utahensis</i> var. <i>eborisepina</i> | 1B | 3-1-2 |
| <i>Agrostis blasdalei</i> | 1B | 3-2-3 |
| <i>Agrostis hooveri</i> | 1B | 2-2-3 |
| <i>Allium hickmanii</i> | 1B | 2-2-3 |
| <i>Allium howellii</i> var. <i>clokeyi</i> | 1B | 2-1-3 |
| <i>Allium jepsonii</i> | 1B | 3-2-3 |
| <i>Allium marvinii</i> | 1B | 3-3-3 |
| <i>Allium munzii</i> | 1B | 3-3-3 |
| <i>Allium peninsulare</i> var. <i>franciscanum</i> | 1B | 2-2-3 |
| <i>Allium sharsmithae</i> | 1B | 2-1-3 |
| <i>Allium shevockii</i> | 1B | 3-1-3 |
| <i>Allium tribalteatum</i> | 1B | 3-2-3 |
| <i>Allium tuolumnense</i> | 1B | 2-2-3 |
| <i>Allium yosemitense</i> | 1B | 2-1-3 |
| <i>Alopecurus aequalis</i> var. <i>sonomensis</i> | 1B | 3-3-3 |
| <i>Ambrosia pumila</i> | 1B | 3-3-2 |
| <i>Amorpha californica</i> var. <i>napensis</i> | 1B | 2-2-3 |
| <i>Amsinckia grandiflora</i> | 1B | 3-3-3 |
| <i>Amsinckia lunaris</i> | 1B | 2-2-3 |
| <i>Anisocarpus scabridus</i> | 1B | 2-1-3 |
| <i>Aphanisma blitoides</i> | 1B | 2-2-2 |
| <i>Arabis bodiensis</i> | 1B | 2-1-2 |
| <i>Arabis breweri</i> var. <i>pecuniaria</i> | 1B | 3-2-3 |
| <i>Arabis constancei</i> | 1B | 2-3-3 |
| <i>Arabis hirshbergiae</i> | 1B | 3-2-3 |
| <i>Arabis hoffmannii</i> | 1B | 3-3-3 |
| <i>Arabis johnstonii</i> | 1B | 3-2-3 |
| <i>Arabis koehleri</i> var. <i>stipitata</i> | 1B | 3-1-2 |
| <i>Arabis macdonaldiana</i> | 1B | 2-3-2 |
| <i>Arabis parishii</i> | 1B | 2-2-3 |
| <i>Arabis pinzlae</i> | 1B | 3-1-2 |
| <i>Arabis rigidissima</i> var. <i>demota</i> | 1B | 3-2-2 |
| <i>Arabis tiehmii</i> | 1B | 3-1-2 |
| <i>Arctostaphylos andersonii</i> | 1B | 2-2-3 |
| <i>Arctostaphylos auriculata</i> | 1B | 3-1-3 |
| <i>Arctostaphylos bakeri</i> ssp. <i>bakeri</i> | 1B | 3-3-3 |
| <i>Arctostaphylos bakeri</i> ssp. <i>sublaevis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos canescens</i> ssp. <i>sonomensis</i> | 1B | 2-2-3 |
| <i>Arctostaphylos catalinae</i> | 1B | 2-2-3 |
| <i>Arctostaphylos confertiflora</i> | 1B | 3-2-3 |
| <i>Arctostaphylos cruzensis</i> | 1B | 2-2-3 |
| <i>Arctostaphylos densiflora</i> | 1B | 3-3-3 |
| <i>Arctostaphylos edmundsii</i> | 1B | 3-2-3 |
| <i>Arctostaphylos gabrielensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i> | 1B | 3-3-2 |
| <i>Arctostaphylos glutinosa</i> | 1B | 3-2-3 |
| <i>Arctostaphylos hookeri</i> ssp. <i>hearstiorum</i> | 1B | 3-2-3 |
| Arctostaphylos hookeri ssp. hookeri | 1B | 2-2-3 |

Attachment 1-1

| | | |
|--|----|-------|
| <i>Arctostaphylos hookeri</i> ssp. <i>montana</i> | 1B | 3-1-3 |
| <i>Arctostaphylos hookeri</i> ssp. <i>ravenii</i> | 1B | 3-3-3 |
| <i>Arctostaphylos imbricata</i> | 1B | 3-3-3 |
| <i>Arctostaphylos klamathensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos luciana</i> | 1B | 2-2-3 |
| <i>Arctostaphylos manzanita</i> ssp. <i>elegans</i> | 1B | 2-1-3 |
| <i>Arctostaphylos manzanita</i> ssp. <i>laevigata</i> | 1B | 3-2-3 |
| <i>Arctostaphylos mendocinoensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos montaraensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos montereyensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos morroensis</i> | 1B | 2-3-3 |
| <i>Arctostaphylos myrtifolia</i> | 1B | 2-2-3 |
| <i>Arctostaphylos nissenana</i> | 1B | 3-2-3 |
| <i>Arctostaphylos osoensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos otayensis</i> | 1B | 3-2-3 |
| <i>Arctostaphylos pajaroensis</i> | 1B | 2-3-3 |
| <i>Arctostaphylos pallida</i> | 1B | 3-3-3 |
| <i>Arctostaphylos pechoensis</i> | 1B | 2-2-3 |
| <i>Arctostaphylos pilosula</i> | 1B | 3-2-3 |
| <i>Arctostaphylos pumila</i> | 1B | 3-2-3 |
| <i>Arctostaphylos purissima</i> | 1B | 2-3-3 |
| <i>Arctostaphylos rainbowensis</i> | 1B | 3-3-3 |
| <i>Arctostaphylos refugioensis</i> | 1B | 2-2-3 |
| <i>Arctostaphylos regismontana</i> | 1B | 2-2-3 |
| <i>Arctostaphylos rudis</i> | 1B | 2-2-3 |
| <i>Arctostaphylos silvicola</i> | 1B | 2-2-3 |
| <i>Arctostaphylos stanfordiana</i> ssp. <i>decumbens</i> | 1B | 3-3-3 |
| <i>Arctostaphylos stanfordiana</i> ssp. <i>raichei</i> | 1B | 2-3-3 |
| <i>Arctostaphylos tomentosa</i> ssp. <i>daciticola</i> | 1B | 3-3-3 |
| <i>Arctostaphylos tomentosa</i> ssp. <i>eastwoodiana</i> | 1B | 2-3-3 |
| <i>Arctostaphylos virgata</i> | 1B | 2-2-3 |
| <i>Arctostaphylos wellsii</i> | 1B | 2-3-3 |
| <i>Arenaria congesta</i> var. <i>charlestonensis</i> | 1B | 3-1-2 |
| <i>Arenaria macradenia</i> var. <i>kuschei</i> | 1B | 3-3-3 |
| <i>Arenaria paludicola</i> | 1B | 3-3-2 |
| <i>Arenaria ursina</i> | 1B | 2-2-3 |
| <i>Aristocapsa insignis</i> | 1B | 2-2-3 |
| <i>Aster greatae</i> | 1B | 2-1-3 |
| <i>Aster lentus</i> | 1B | 2-2-3 |
| <i>Astragalus agnicidus</i> | 1B | 3-3-3 |
| <i>Astragalus albens</i> | 1B | 3-3-3 |
| <i>Astragalus anxius</i> | 1B | 3-1-3 |
| <i>Astragalus atratus</i> var. <i>mensanus</i> | 1B | 2-3-3 |
| <i>Astragalus brauntonii</i> | 1B | 3-3-3 |
| <i>Astragalus cimae</i> var. <i>cimae</i> | 1B | 3-2-2 |
| <i>Astragalus cimae</i> var. <i>sufflatus</i> | 1B | 2-1-3 |
| <i>Astragalus clarianus</i> | 1B | 3-3-3 |
| <i>Astragalus deanei</i> | 1B | 3-3-3 |
| <i>Astragalus didymocarpus</i> var. <i>milesianus</i> | 1B | 2-2-3 |
| <i>Astragalus douglasii</i> var. <i>perstrictus</i> | 1B | 2-2-2 |
| <i>Astragalus ertterae</i> | 1B | 3-1-3 |
| <i>Astragalus funereus</i> | 1B | 3-2-2 |
| <i>Astragalus gilmanii</i> | 1B | 2-2-2 |

Attachment 1-2

| | | |
|-------------------------------------|----|-------|
| <i>Astragalus jaegerianus</i> | 1B | 3-3-3 |
| <i>Astragalus johannis-howellii</i> | 1B | 2-2-2 |

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|---|----|-------|
| <i>Astragalus lemmonii</i> | 1B | 2-2-2 |
| <i>Astragalus lentiformis</i> | 1B | 3-2-3 |
| <i>Astragalus lentiginosus</i> var. <i>antonius</i> | 1B | 3-1-3 |
| <i>Astragalus lentiginosus</i> var. <i>coachellae</i> | 1B | 2-2-3 |
| <i>Astragalus lentiginosus</i> var. <i>kernensis</i> | 1B | 2-2-2 |
| <i>Astragalus lentiginosus</i> var. <i>micans</i> | 1B | 3-2-3 |
| <i>Astragalus lentiginosus</i> var. <i>piscinensis</i> | 1B | 3-3-3 |
| <i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i> | 1B | 3-3-2 |
| <i>Astragalus lentiginosus</i> var. <i>sierrae</i> | 1B | 2-2-3 |
| <i>Astragalus leucolobus</i> | 1B | 2-2-3 |
| <i>Astragalus magdalenae</i> var. <i>peirsonii</i> | 1B | 2-2-2 |
| <i>Astragalus monoensis</i> var. <i>monoensis</i> | 1B | 2-2-3 |
| <i>Astragalus monoensis</i> var. <i>ravenii</i> | 1B | 3-1-3 |
| <i>Astragalus nevinii</i> | 1B | 2-2-3 |
| <i>Astragalus oocarpus</i> | 1B | 3-2-3 |
| <i>Astragalus oophorus</i> var. <i>lavinii</i> | 1B | 3-2-2 |
| <i>Astragalus pachypus</i> var. <i>jaegeri</i> | 1B | 3-3-3 |
| <i>Astragalus preussii</i> var. <i>laxiflorus</i> | 1B | 3-3-2 |
| <i>Astragalus pseudiodanthus</i> | 1B | 3-2-2 |
| <i>Astragalus pulsiferae</i> var. <i>pulsiferae</i> | 1B | 3-2-2 |
| <i>Astragalus pulsiferae</i> var. <i>suksdorffii</i> | 1B | 2-2-2 |
| <i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i> | 1B | 3-3-3 |
| <i>Astragalus pycnostachyus</i> var. <i>pycnostachyus</i> | 1B | 3-2-3 |
| <i>Astragalus rattanii</i> var. <i>jepsonianus</i> | 1B | 2-2-3 |
| <i>Astragalus shevockii</i> | 1B | 3-1-3 |
| <i>Astragalus tener</i> var. <i>ferrisiae</i> | 1B | 3-3-3 |
| <i>Astragalus tener</i> var. <i>tener</i> | 1B | 3-2-3 |
| <i>Astragalus tener</i> var. <i>titi</i> | 1B | 3-3-3 |
| <i>Astragalus traskiae</i> | 1B | 3-2-3 |
| <i>Astragalus tricarinatus</i> | 1B | 3-2-3 |
| <i>Astragalus webberi</i> | 1B | 3-2-3 |
| <i>Atriplex cordulata</i> | 1B | 2-2-3 |
| <i>Atriplex coronata</i> var. <i>notation</i> | 1B | 3-3-3 |
| <i>Atriplex coulteri</i> | 1B | 2-2-2 |
| <i>Atriplex depressa</i> | 1B | 2-2-3 |
| <i>Atriplex erecticaulis</i> | 1B | 2-2-3 |
| <i>Atriplex joaquiniana</i> | 1B | 2-2-3 |
| <i>Atriplex minuscula</i> | 1B | 3-3-3 |
| <i>Atriplex pacifica</i> | 1B | 3-2-2 |
| <i>Atriplex parishii</i> | 1B | 3-3-2 |
| <i>Atriplex persistens</i> | 1B | 2-2-3 |
| <i>Atriplex serenana</i> var. <i>davidsonii</i> | 1B | 3-2-2 |
| <i>Atriplex subtilis</i> | 1B | 2-2-3 |
| <i>Atriplex tularensis</i> | 1B | 3-3-3 |
| <i>Atriplex vallicola</i> | 1B | 2-2-3 |
| <i>Baccharis malibuensis</i> | 1B | 3-3-3 |
| <i>Baccharis plummerae</i> ssp. <i>glabrata</i> | 1B | 3-2-3 |
| <i>Baccharis vanessae</i> | 1B | 2-3-3 |
| <i>Balsamorhiza hookeri</i> var. <i>lanata</i> | 1B | 2-2-3 |
| <i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i> | 1B | 2-2-3 |
| <i>Balsamorhiza sericea</i> | 1B | 2-1-2 |
| <i>Bensoniella oregonia</i> | 1B | 3-3-2 |

Attachment 1-3

| | | |
|---|----|-------|
| <i>Berberis nevinii</i> | 1B | 3-3-3 |
| <i>Berberis pinnata</i> ssp. <i>insularis</i> | 1B | 3-2-3 |
| <i>Blennosperma bakeri</i> | 1B | 2-3-3 |

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| <i>Blennosperma nanum</i> var. <i>robustum</i> | 1B | 3-2-3 |
| <i>Blepharizonia plumosa</i> ssp. <i>plumosa</i> | 1B | 3-3-3 |
| <i>Bloomeria humilis</i> | 1B | 3-2-3 |
| <i>Botrychium lineare</i> | 1B | 3-1-2 |
| <i>Brodiaea californica</i> var. <i>leptandra</i> | 1B | 2-2-3 |
| <i>Brodiaea coronaria</i> ssp. <i>rosea</i> | 1B | 3-3-3 |
| <i>Brodiaea filifolia</i> | 1B | 3-3-3 |
| <i>Brodiaea insignis</i> | 1B | 2-2-3 |
| <i>Brodiaea kinkiensis</i> | 1B | 3-2-3 |
| <i>Brodiaea orcuttii</i> | 1B | 1-3-2 |
| <i>Brodiaea pallida</i> | 1B | 3-3-3 |
| <i>Calamagrostis bolanderi</i> | 1B | 2-2-3 |
| <i>Calochortus clavatus</i> var. <i>avius</i> | 1B | 2-2-3 |
| <i>Calochortus clavatus</i> var. <i>gracilis</i> | 1B | 3-2-3 |
| <i>Calochortus clavatus</i> var. <i>recurvifolius</i> | 1B | 3-2-3 |
| <i>Calochortus dunnii</i> | 1B | 2-2-2 |
| <i>Calochortus excavatus</i> | 1B | 2-3-3 |
| <i>Calochortus greenei</i> | 1B | 3-2-2 |
| <i>Calochortus longebarbatus</i> var. <i>longebarbatus</i> | 1B | 1-2-1 |
| <i>Calochortus obispoensis</i> | 1B | 2-2-3 |
| <i>Calochortus palmeri</i> var. <i>munzii</i> | 1B | 3-2-3 |
| <i>Calochortus palmeri</i> var. <i>palmeri</i> | 1B | 2-2-3 |
| <i>Calochortus persistens</i> | 1B | 3-3-3 |
| <i>Calochortus plummerae</i> | 1B | 2-2-3 |
| <i>Calochortus pulchellus</i> | 1B | 2-2-3 |
| <i>Calochortus raichei</i> | 1B | 3-2-3 |
| <i>Calochortus simulans</i> | 1B | 2-1-3 |
| <i>Calochortus striatus</i> | 1B | 2-2-2 |
| <i>Calochortus tiburonensis</i> | 1B | 3-3-3 |
| <i>Calochortus weedii</i> var. <i>intermedius</i> | 1B | 2-2-3 |
| <i>Calochortus weedii</i> var. <i>vestus</i> | 1B | 2-2-3 |
| <i>Calochortus westonii</i> | 1B | 2-2-3 |
| <i>Calycadenia hooveri</i> | 1B | 2-1-3 |
| <i>Calycadenia oppositifolia</i> | 1B | 2-2-3 |
| <i>Calycadenia villosa</i> | 1B | 2-3-3 |
| <i>Calyptidium pulchellum</i> | 1B | 3-3-3 |
| <i>Calystegia atriplicifolia</i> ssp. <i>buttensis</i> | 1B | 2-1-3 |
| <i>Calystegia purpurata</i> ssp. <i>saxicola</i> | 1B | 2-2-3 |
| <i>Calystegia stebbinsii</i> | 1B | 3-3-3 |
| <i>Calystegia subacaulis</i> ssp. <i>episcopal</i> | 1B | 3-2-3 |
| <i>Camissonia benitensis</i> | 1B | 3-3-3 |
| <i>Camissonia quadalupensis</i> ssp. <i>clementina</i> | 1B | 3-2-3 |
| <i>Camissonia hardhamiae</i> | 1B | 3-2-3 |
| <i>Camissonia integrifolia</i> | 1B | 2-1-3 |
| <i>Camissonia sierrae</i> ssp. <i>alticola</i> | 1B | 2-2-3 |
| <i>Campanula californica</i> | 1B | 2-2-3 |
| <i>Campanula exigua</i> | 1B | 2-2-3 |
| <i>Campanula sharsmithiae</i> | 1B | 3-2-3 |
| <i>Campanula shetleri</i> | 1B | 3-1-3 |
| <i>Campanula wilkinsiana</i> | 1B | 2-2-3 |
| <i>Cardamine nuttallii</i> var. <i>gemma</i> | 1B | 3-1-2 |

Attachment 1-4

| | | |
|----------------------------|----|-------|
| <i>Carex albida</i> | 1B | 3-3-3 |
| - <i>Carex obispoensis</i> | 1B | 2-2-3 |
| <i>Carex saliniformis</i> | 1B | 2-2-3 |
| <i>Carex tiogana</i> | 1B | 3-1-3 |

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|---|----|-------|
| <i>Carlquistia muirii</i> | 1B | 2-1-3 |
| <i>Carpenteria californica</i> | 1B | 3-2-3 |
| <i>Castilleja affinis</i> ssp. <i>neglecta</i> | 1B | 3-2-3 |
| <i>Castilleja ambigua</i> ssp. <i>humboldtiensis</i> | 1B | 2-2-3 |
| <i>Castilleja campestris</i> ssp. <i>succulenta</i> | 1B | 2-2-3 |
| <i>Castilleja cinerea</i> | 1B | 2-2-3 |
| <i>Castilleja densiflora</i> ssp. <i>obispoensis</i> | 1B | 2-2-3 |
| <i>Castilleja gleasonii</i> | 1B | 3-2-3 |
| <i>Castilleja grisea</i> | 1B | 2-2-3 |
| <i>Castilleja lanata</i> ssp. <i>hololeuca</i> | 1B | 2-2-3 |
| <i>Castilleja lasiorhyncha</i> | 1B | 2-2-3 |
| <i>Castilleja mendocinensis</i> | 1B | 2-2-3 |
| <i>Castilleja mollis</i> | 1B | 3-3-3 |
| <i>Castilleja rubicundula</i> ssp. <i>rubicundula</i> | 1B | 2-2-3 |
| <i>Caulanthus amplexicaulis</i> var. <i>barbarae</i> | 1B | 3-1-3 |
| <i>Caulanthus californicus</i> | 1B | 3-3-3 |
| <i>Caulanthus coulteri</i> var. <i>lemonnii</i> | 1B | 2-2-3 |
| <i>Caulostrema jaegeri</i> | 1B | 3-2-3 |
| <i>Ceanothus confusus</i> | 1B | 3-3-3 |
| <i>Ceanothus cyaneus</i> | 1B | 3-2-2 |
| <i>Ceanothus divergens</i> | 1B | 3-2-3 |
| <i>Ceanothus ferrisiae</i> | 1B | 3-3-3 |
| <i>Ceanothus foliosus</i> var. <i>vineatus</i> | 1B | 3-3-3 |
| <i>Ceanothus gloriosus</i> var. <i>porrectus</i> | 1B | 3-1-3 |
| <i>Ceanothus hearstiorum</i> | 1B | 3-2-3 |
| <i>Ceanothus maritimus</i> | 1B | 3-2-3 |
| <i>Ceanothus masonii</i> | 1B | 3-2-3 |
| <i>Ceanothus ophiochilus</i> | 1B | 3-3-3 |
| <i>Ceanothus otayensis</i> | 1B | 3-2-2 |
| <i>Ceanothus purpureus</i> | 1B | 2-2-3 |
| <i>Ceanothus roderickii</i> | 1B | 3-2-3 |
| <i>Ceanothus sonomensis</i> | 1B | 3-2-3 |
| <i>Centromadia parryi</i> ssp. <i>australis</i> | 1B | 3-3-2 |
| <i>Centromadia parryi</i> ssp. <i>congdonii</i> | 1B | 3-3-3 |
| <i>Centromadia pungens</i> ssp. <i>laevis</i> | 1B | 2-3-3 |
| <i>Cercocarpus traskiae</i> | 1B | 3-3-3 |
| <i>Chaenactis carphoclinia</i> var. <i>peirsonii</i> | 1B | 2-1-3 |
| <i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i> | 1B | 2-3-2 |
| <i>Chaenactis parishii</i> | 1B | 2-1-2 |
| <i>Chaenactis suffrutescens</i> | 1B | 2-1-3 |
| <i>Chamaesyce hooveri</i> | 1B | 3-2-3 |
| <i>Chamaesyce ocellata</i> ssp. <i>rattanii</i> | 1B | 2-2-3 |
| <i>Chamaesyce platysperma</i> | 1B | 3-2-2 |
| <i>Chlorogalum grandiflorum</i> | 1B | 2-2-3 |
| <i>Chlorogalum pomeridianum</i> var. <i>minus</i> | 1B | 2-2-3 |
| <i>Chlorogalum purpureum</i> var. <i>purpureum</i> | 1B | 3-3-3 |
| <i>Chlorogalum purpureum</i> var. <i>reductum</i> | 1B | 3-3-3 |
| <i>Chorizanthe biloba</i> var. <i>immemora</i> | 1B | 3-2-3 |
| <i>Chorizanthe blakleyi</i> | 1B | 2-1-3 |
| <i>Chorizanthe breweri</i> | 1B | 3-1-3 |

Attachment 1-5

| | | |
|--|----|-------|
| <i>Chorizanthe cuspidata</i> var. <i>cuspidata</i> | 1B | 2-2-3 |
| <i>Chorizanthe cuspidata</i> var. <i>villosa</i> | 1B | 3-2-3 |
| <i>Chorizanthe howellii</i> | 1B | 3-2-3 |
| <i>Chorizanthe orcuttiana</i> | 1B | 3-3-3 |
| <i>Chorizanthe parryi</i> var. <i>fernandina</i> | 1B | 3-3-3 |

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|---|----|-------|
| <i>Chorizanthe polygonoides</i> var. <i>longispina</i> | 1B | 2-2-2 |
| <i>Chorizanthe pungens</i> var. <i>hartwegiana</i> | 1B | 2-3-3 |
| <i>Chorizanthe pungens</i> var. <i>pungens</i> | 1B | 2-2-3 |
| <i>Chorizanthe rectispina</i> | 1B | 3-1-3 |
| <i>Chorizanthe robusta</i> var. <i>hartwegii</i> | 1B | 3-3-3 |
| <i>Chorizanthe robusta</i> var. <i>robusta</i> | 1B | 3-3-3 |
| <i>Chorizanthe valida</i> | 1B | 3-3-3 |
| <i>Chorizanthe xanti</i> var. <i>leucotheca</i> | 1B | 2-2-3 |
| <i>Cirsium andrewsii</i> | 1B | 2-2-3 |
| <i>Cirsium crassicaule</i> | 1B | 3-3-3 |
| <i>Cirsium fontinale</i> var. <i>campylon</i> | 1B | 2-2-3 |
| <i>Cirsium fontinale</i> var. <i>fontinale</i> | 1B | 3-3-3 |
| <i>Cirsium fontinale</i> var. <i>obispoense</i> | 1B | 3-2-3 |
| <i>Cirsium hydrophilum</i> var. <i>hydrophilum</i> | 1B | 3-3-3 |
| <i>Cirsium hydrophilum</i> var. <i>vaseyi</i> | 1B | 3-2-3 |
| <i>Cirsium loncholepis</i> | 1B | 3-3-3 |
| <i>Cirsium occidentale</i> var. <i>compactum</i> | 1B | 2-2-3 |
| <i>Cirsium rhothophilum</i> | 1B | 2-2-3 |
| <i>Clarkia amoena</i> ssp. <i>whitneyi</i> | 1B | 3-3-3 |
| <i>Clarkia australis</i> | 1B | 2-2-3 |
| <i>Clarkia biloba</i> ssp. <i>australis</i> | 1B | 3-2-3 |
| <i>Clarkia biloba</i> ssp. <i>brandegeae</i> | 1B | 2-2-3 |
| <i>Clarkia borealis</i> ssp. <i>arida</i> | 1B | 3-3-3 |
| <i>Clarkia borealis</i> ssp. <i>borealis</i> | 1B | 2-1-3 |
| <i>Clarkia concinna</i> ssp. <i>raichei</i> | 1B | 3-3-3 |
| <i>Clarkia delicata</i> | 1B | 2-2-2 |
| <i>Clarkia franciscana</i> | 1B | 3-3-3 |
| <i>Clarkia gracilis</i> ssp. <i>albicaulis</i> | 1B | 3-2-3 |
| <i>Clarkia imbricata</i> | 1B | 3-3-3 |
| <i>Clarkia jolonensis</i> | 1B | 3-2-3 |
| <i>Clarkia lingulata</i> | 1B | 3-3-3 |
| <i>Clarkia mildrediae</i> ssp. <i>mildrediae</i> | 1B | 2-1-3 |
| <i>Clarkia mosquinii</i> | 1B | 3-3-3 |
| <i>Clarkia rostrata</i> | 1B | 2-1-3 |
| <i>Clarkia speciosa</i> ssp. <i>immaculata</i> | 1B | 3-3-3 |
| <i>Clarkia springvillensis</i> | 1B | 3-2-3 |
| <i>Clarkia tembloriensis</i> ssp. <i>calientensis</i> | 1B | 3-3-3 |
| <i>Clarkia xantiana</i> ssp. <i>parviflora</i> | 1B | 3-2-3 |
| <i>Claytonia lanceolata</i> var. <i>peirsonii</i> | 1B | 3-3-3 |
| <i>Collinsia corymbosa</i> | 1B | 2-2-3 |
| <i>Collinsia multicolor</i> | 1B | 2-2-3 |
| <i>Collomia rawsoniana</i> | 1B | 2-2-3 |
| <i>Comarostaphylis diversifolia</i> ssp. <i>diversifoli</i> | 1B | 2-2-2 |
| <i>Cordylanthus eremicus</i> ssp. <i>kernensis</i> | 1B | 2-1-3 |
| <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i> | 1B | 2-2-2 |
| <i>Cordylanthus maritimus</i> ssp. <i>palustris</i> | 1B | 2-2-2 |
| <i>Cordylanthus mollis</i> ssp. <i>hispidus</i> | 1B | 2-3-3 |
| <i>Cordylanthus mollis</i> ssp. <i>mollis</i> | 1B | 3-2-3 |
| <i>Cordylanthus nidularius</i> | 1B | 3-3-3 |

Attachment 1-6

| | | |
|--|----|-------|
| <i>Cordylanthus palmatus</i> | 1B | 3-3-3 |
| <i>Cordylanthus rigidus</i> ssp. <i>littoralis</i> | 1B | 2-3-3 |
| <i>Cordylanthus tecopensis</i> | 1B | 3-2-2 |
| <i>Cordylanthus tenuis</i> ssp. <i>capillaris</i> | 1B | 3-2-3 |
| <i>Cordylanthus tenuis</i> ssp. <i>pallescens</i> | 1B | 3-2-3 |
| <i>Coreopsis hamiltonii</i> | 1B | 3-2-3 |

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| <i>Corethrogynne filaginifolia</i> var. <i>incana</i> | 1B | 3-3-2 |
| <i>Corethrogynne filaginifolia</i> var. <i>linifolia</i> | 1B | 3-3-3 |
| <i>Crossosoma californicum</i> | 1B | 2-2-2 |
| <i>Cryptantha clevelandii</i> var. <i>dissita</i> | 1B | 2-2-3 |
| <i>Cryptantha clokeyi</i> | 1B | 3-3-3 |
| <i>Cryptantha crinita</i> | 1B | 3-2-3 |
| <i>Cryptantha crymophila</i> | 1B | 2-1-3 |
| <i>Cryptantha ganderi</i> | 1B | 3-3-2 |
| <i>Cryptantha hooveri</i> | 1B | 2-2-3 |
| <i>Cryptantha incana</i> | 1B | 3-1-3 |
| <i>Cryptantha mariposae</i> | 1B | 2-1-3 |
| <i>Cryptantha roosiorum</i> | 1B | 3-2-3 |
| <i>Cryptantha traskiae</i> | 1B | 3-2-3 |
| <i>Cupressus abramsiana</i> | 1B | 3-2-3 |
| <i>Cupressus arizonica</i> ssp. <i>nevadensis</i> | 1B | 2-2-3 |
| <i>Cupressus forbesii</i> | 1B | 3-3-2 |
| <i>Cupressus goveniana</i> ssp. <i>goveniana</i> | 1B | 3-2-3 |
| <i>Cupressus goveniana</i> ssp. <i>pigmaea</i> | 1B | 2-2-3 |
| <i>Cupressus macrocarpa</i> | 1B | 3-2-3 |
| <i>Cupressus stephensonii</i> | 1B | 3-3-3 |
| <i>Cusickiella quadricostata</i> | 1B | 2-2-2 |
| <i>Cymopterus deserticola</i> | 1B | 3-2-3 |
| <i>Cymopterus ripleyi</i> var. <i>saniculooides</i> | 1B | 3-2-2 |
| <i>Dedeckera eurekensis</i> | 1B | 2-1-3 |
| <i>Deinandra arida</i> | 1B | 3-2-3 |
| <i>Deinandra bacigalupi</i> | 1B | 3-2-3 |
| <i>Deinandra conjugens</i> | 1B | 3-3-2 |
| <i>Deinandra floribunda</i> | 1B | 2-2-2 |
| <i>Deinandra halliana</i> | 1B | 3-3-3 |
| <i>Deinandra increscens</i> ssp. <i>foliosa</i> | 1B | 2-2-3 |
| <i>Deinandra increscens</i> ssp. <i>villosa</i> | 1B | 3-3-3 |
| <i>Deinandra minthornii</i> | 1B | 2-2-3 |
| <i>Deinandra mohavensis</i> | 1B | 2-1-3 |
| <i>Delphinium bakeri</i> | 1B | 3-3-3 |
| <i>Delphinium californicum</i> ssp. <i>interius</i> | 1B | 3-2-3 |
| <i>Delphinium hesperium</i> ssp. <i>cuyamacae</i> | 1B | 2-2-3 |
| <i>Delphinium hutchinsoniae</i> | 1B | 3-2-3 |
| <i>Delphinium luteum</i> | 1B | 3-3-3 |
| <i>Delphinium parryi</i> ssp. <i>blochmaniae</i> | 1B | 3-2-3 |
| <i>Delphinium purpusii</i> | 1B | 2-1-3 |
| <i>Delphinium recurvatum</i> | 1B | 2-2-3 |
| <i>Delphinium umbraculorum</i> | 1B | 2-1-3 |
| <i>Delphinium variegatum</i> ssp. <i>kinkiense</i> | 1B | 3-3-3 |
| <i>Delphinium variegatum</i> ssp. <i>thornei</i> | 1B | 3-3-3 |
| <i>Dendromecon harfordii</i> var. <i>rhamnoides</i> | 1B | 3-3-3 |
| <i>Dichanthelium lanuginosum</i> var. <i>thermale</i> | 1B | 3-3-3 |
| <i>Dirca occidentalis</i> | 1B | 2-2-3 |
| <i>Dithyrea maritima</i> | 1B | 3-3-2 |

Attachment 1-7

| | | |
|--|----|-------|
| <i>Dodecahema leptoceras</i> | 1B | 3-3-3 |
| <i>Downingia concolor</i> var. <i>brevior</i> | 1B | 3-3-3 |
| <i>Draba asterophora</i> var. <i>asterophora</i> | 1B | 3-1-2 |
| <i>Draba asterophora</i> var. <i>macrocarpa</i> | 1B | 3-1-3 |
| <i>Draba aureola</i> | 1B | 3-1-2 |
| <i>Draba carnosula</i> | 1B | 3-1-3 |
| <i>Draba corrugata</i> var. <i>saxosa</i> | 1B | 2-1-3 |

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|--|----|-------|
| <i>Draba cruciata</i> | 1B | 2-1-3 |
| <i>Draba incrassata</i> | 1B | 2-1-3 |
| <i>Draba monoensis</i> | 1B | 2-2-3 |
| <i>Draba sharsmithii</i> | 1B | 3-1-3 |
| <i>Draba sierrae</i> | 1B | 2-1-3 |
| <i>Dudleya abramsii</i> ssp. <i>affinis</i> | 1B | 2-2-3 |
| <i>Dudleya abramsii</i> ssp. <i>bettinae</i> | 1B | 3-2-3 |
| <i>Dudleya abramsii</i> ssp. <i>murina</i> | 1B | 2-1-3 |
| <i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i> | 1B | 2-3-2 |
| <i>Dudleya blochmaniae</i> ssp. <i>insularis</i> | 1B | 3-3-3 |
| <i>Dudleya brevifolia</i> | 1B | 3-3-3 |
| <i>Dudleya candelabrum</i> | 1B | 2-2-3 |
| <i>Dudleya cymosa</i> ssp. <i>agourensis</i> | 1B | 3-2-3 |
| <i>Dudleya cymosa</i> ssp. <i>costafolia</i> | 1B | 3-2-3 |
| <i>Dudleya cymosa</i> ssp. <i>crebrifolia</i> | 1B | 3-2-3 |
| <i>Dudleya cymosa</i> ssp. <i>marcescens</i> | 1B | 3-2-3 |
| <i>Dudleya cymosa</i> ssp. <i>ovatifolia</i> | 1B | 3-2-3 |
| <i>Dudleya densiflora</i> | 1B | 3-3-3 |
| <i>Dudleya gnoma</i> | 1B | 3-3-3 |
| <i>Dudleya multicaulis</i> | 1B | 1-2-3 |
| <i>Dudleya nesiotica</i> | 1B | 3-3-3 |
| <i>Dudleya parva</i> | 1B | 3-2-3 |
| <i>Dudleya saxosa</i> ssp. <i>saxosa</i> | 1B | 2-1-3 |
| <i>Dudleya setchellii</i> | 1B | 3-3-3 |
| <i>Dudleya stolonifera</i> | 1B | 3-3-3 |
| <i>Dudleya traskiae</i> | 1B | 3-2-3 |
| <i>Dudleya variegata</i> | 1B | 2-2-2 |
| <i>Dudleya verityi</i> | 1B | 3-2-3 |
| <i>Dudleya virens</i> ssp. <i>insularis</i> | 1B | 2-2-3 |
| <i>Dudleya virens</i> ssp. <i>virens</i> | 1B | 2-2-2 |
| <i>Dudleya viscosa</i> | 1B | 2-2-3 |
| <i>Echinocereus engelmannii</i> var. <i>howei</i> | 1B | 3-3-3 |
| <i>Enceliopsis covillei</i> | 1B | 3-2-3 |
| <i>Epilobium howellii</i> | 1B | 3-1-3 |
| <i>Epilobium nivium</i> | 1B | 2-2-3 |
| <i>Epilobium oreganum</i> | 1B | 2-2-2 |
| <i>Epilobium siskiyouense</i> | 1B | 3-1-2 |
| <i>Eremalche kernensis</i> | 1B | 3-3-3 |
| <i>Eriogonum brandegeae</i> | 1B | 2-2-3 |
| <i>Eriogonum densifolium</i> ssp. <i>sanctorum</i> | 1B | 3-3-3 |
| <i>Eriogonum luteum</i> | 1B | 2-2-3 |
| <i>Eriogonum tracyi</i> | 1B | 3-2-3 |
| <i>Ericameria cuneata</i> var. <i>macrocephala</i> | 1B | 2-1-3 |
| <i>Ericameria fasciculata</i> | 1B | 3-3-3 |
| <i>Ericameria gilmanii</i> | 1B | 3-1-3 |
| <i>Erigeron aequifolius</i> | 1B | 2-1-3 |
| <i>Erigeron angustatus</i> | 1B | 2-2-3 |

Attachment 1-8

| | | |
|---|----|-------|
| <i>Erigeron blochmaniae</i> | 1B | 2-2-3 |
| <i>Erigeron calvus</i> | 1B | 3-3-3 |
| <i>Erigeron inornatus</i> var. <i>keillii</i> | 1B | 3-1-3 |
| <i>Erigeron miser</i> | 1B | 2-1-3 |
| <i>Erigeron multiceps</i> | 1B | 3-2-3 |
| <i>Erigeron parishii</i> | 1B | 2-3-3 |
| <i>Erigeron serpentinus</i> | 1B | 3-1-3 |
| <i>Erigeron supplex</i> | 1B | 3-2-3 |

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|---|----|-------|
| <i>Eriodictyon altissimum</i> | 1B | 3-3-3 |
| <i>Eriodictyon capitatum</i> | 1B | 3-2-3 |
| <i>Eriogonum alpinum</i> | 1B | 3-1-3 |
| <i>Eriogonum apricum</i> var. <i>apricum</i> | 1B | 3-3-3 |
| <i>Eriogonum apricum</i> var. <i>prostratum</i> | 1B | 3-3-3 |
| <i>Eriogonum bifurcatum</i> | 1B | 3-2-2 |
| <i>Eriogonum breedlovei</i> var. <i>breedlovei</i> | 1B | 3-2-3 |
| <i>Eriogonum butterworthianum</i> | 1B | 3-1-3 |
| <i>Eriogonum crocatum</i> | 1B | 2-2-3 |
| <i>Eriogonum eremicola</i> | 1B | 3-1-3 |
| <i>Eriogonum ericifolium</i> var. <i>thornei</i> | 1B | 3-2-3 |
| <i>Eriogonum foliosum</i> | 1B | 3-2-2 |
| <i>Eriogonum giganteum</i> var. <i>compactum</i> | 1B | 3-1-3 |
| <i>Eriogonum giganteum</i> var. <i>formosum</i> | 1B | 3-2-3 |
| <i>Eriogonum gilmanii</i> | 1B | 2-1-3 |
| <i>Eriogonum grande</i> var. <i>rubescens</i> | 1B | 2-2-3 |
| <i>Eriogonum grande</i> var. <i>timorum</i> | 1B | 2-3-3 |
| <i>Eriogonum hirtellum</i> | 1B | 2-1-3 |
| <i>Eriogonum hoffmannii</i> var. <i>hoffmannii</i> | 1B | 2-1-3 |
| <i>Eriogonum hoffmannii</i> var. <i>robustius</i> | 1B | 2-1-3 |
| <i>Eriogonum intrafractum</i> | 1B | 3-1-3 |
| <i>Eriogonum kelloggii</i> | 1B | 3-2-3 |
| <i>Eriogonum kennedyi</i> var. <i>alpigenum</i> | 1B | 2-1-3 |
| <i>Eriogonum kennedyi</i> var. <i>austromontanum</i> | 1B | 2-2-3 |
| <i>Eriogonum kennedyi</i> var. <i>pinicola</i> | 1B | 3-3-3 |
| <i>Eriogonum microthecum</i> var. <i>johnstonii</i> | 1B | 3-1-3 |
| <i>Eriogonum microthecum</i> var. <i>panamintense</i> | 1B | 3-1-3 |
| <i>Eriogonum nervulosum</i> | 1B | 3-2-3 |
| <i>Eriogonum nortonii</i> | 1B | 2-1-3 |
| <i>Eriogonum nudum</i> var. <i>decurrans</i> | 1B | 3-3-3 |
| <i>Eriogonum nudum</i> var. <i>murinum</i> | 1B | 2-2-3 |
| <i>Eriogonum nudum</i> var. <i>regirivum</i> | 1B | 3-2-3 |
| <i>Eriogonum ovalifolium</i> var. <i>vineum</i> | 1B | 3-3-3 |
| <i>Eriogonum prociduum</i> | 1B | 2-2-2 |
| <i>Eriogonum temblorense</i> | 1B | 2-2-3 |
| <i>Eriogonum twisselmannii</i> | 1B | 2-2-3 |
| <i>Eriogonum umbellatum</i> var. <i>glaberrimum</i> | 1B | 3-1-2 |
| <i>Eriogonum umbellatum</i> var. <i>torreyanum</i> | 1B | 3-2-3 |
| <i>Eriogonum wrightii</i> var. <i>olanchense</i> | 1B | 3-1-3 |
| <i>Eriophyllum congdonii</i> | 1B | 2-2-3 |
| <i>Eriophyllum lanatum</i> var. <i>hallii</i> | 1B | 3-3-3 |
| <i>Eriophyllum latilobum</i> | 1B | 3-3-3 |
| <i>Eriophyllum mohavense</i> | 1B | 2-2-3 |
| <i>Eriophyllum nevinii</i> | 1B | 2-1-3 |
| <i>Eriophyllum nubigenum</i> | 1B | 2-1-3 |
| <i>Eryngium aristulatum</i> var. <i>hooveri</i> | 1B | 3-3-3 |

Attachment 1-9

| | | |
|--|----|-------|
| <i>Eryngium aristulatum</i> var. <i>parishii</i> | 1B | 2-3-2 |
| <i>Eryngium constancei</i> | 1B | 3-3-3 |
| <i>Eryngium pendletonensis</i> | 1B | 3-3-3 |
| <i>Eryngium pinnatisectum</i> | 1B | 2-2-3 |
| <i>Eryngium racemosum</i> | 1B | 2-3-3 |
| <i>Eryngium spinosepalum</i> | 1B | 3-2-3 |
| <i>Erysimum ammophilum</i> | 1B | 2-2-3 |
| <i>Erysimum capitatum</i> ssp. <i>angustatum</i> | 1B | 3-3-3 |
| <i>Erysimum insulare</i> ssp. <i>insulare</i> | 1B | 2-1-3 |

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|---|----|-------|
| <i>Erysimum menziesii</i> ssp. <i>eurekense</i> | 1B | 3-3-3 |
| <i>Erysimum menziesii</i> ssp. <i>menziesii</i> | 1B | 3-3-3 |
| <i>Erysimum menziesii</i> ssp. <i>yadonii</i> | 1B | 3-3-3 |
| <i>Erysimum teretifolium</i> | 1B | 2-3-3 |
| <i>Erythronium citrinum</i> var. <i>roderickii</i> | 1B | 3-1-3 |
| <i>Erythronium howellii</i> | 1B | 2-1-2 |
| <i>Erythronium pluriflorum</i> | 1B | 2-1-3 |
| <i>Erythronium pusaterii</i> | 1B | 3-1-3 |
| <i>Erythronium taylorii</i> | 1B | 3-2-3 |
| <i>Erythronium tuolumnense</i> | 1B | 2-2-3 |
| <i>Eschscholzia lemmonii</i> ssp. <i>kernensis</i> | 1B | 3-3-3 |
| <i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i> | 1B | 3-2-3 |
| <i>Eschscholzia rhombipetala</i> | 1B | 3-3-3 |
| <i>Fremontodendron decumbens</i> | 1B | 3-2-3 |
| <i>Fremontodendron mexicanum</i> | 1B | 3-3-2 |
| <i>Fritillaria biflora</i> var. <i>ineziana</i> | 1B | 3-3-3 |
| <i>Fritillaria brandegei</i> | 1B | 2-1-3 |
| <i>Fritillaria falcata</i> | 1B | 3-2-3 |
| <i>Fritillaria lanceolata</i> var. <i>tristulis</i> | 1B | 3-3-3 |
| <i>Fritillaria liliacea</i> | 1B | 2-2-3 |
| <i>Fritillaria ojaiensis</i> | 1B | 3-2-3 |
| <i>Fritillaria pluriflora</i> | 1B | 2-2-3 |
| <i>Fritillaria roderickii</i> | 1B | 3-3-3 |
| <i>Fritillaria striata</i> | 1B | 3-3-3 |
| <i>Fritillaria viridea</i> | 1B | 2-2-3 |
| <i>Galium angustifolium</i> ssp. <i>borregoense</i> | 1B | 3-1-3 |
| <i>Galium angustifolium</i> ssp. <i>jacinticum</i> | 1B | 3-1-3 |
| <i>Galium angustifolium</i> ssp. <i>onycense</i> | 1B | 3-1-3 |
| <i>Galium buxifolium</i> | 1B | 3-2-3 |
| <i>Galium californicum</i> ssp. <i>luciense</i> | 1B | 3-1-3 |
| <i>Galium californicum</i> ssp. <i>primum</i> | 1B | 3-2-3 |
| <i>Galium californicum</i> ssp. <i>sierrae</i> | 1B | 3-2-3 |
| <i>Galium catalinense</i> ssp. <i>acrispum</i> | 1B | 3-2-3 |
| <i>Galium catalinense</i> ssp. <i>catalinense</i> | 1B | 2-2-3 |
| <i>Galium clementis</i> | 1B | 2-1-3 |
| <i>Galium glabrescens</i> ssp. <i>modocense</i> | 1B | 2-2-3 |
| <i>Galium grande</i> | 1B | 3-1-3 |
| <i>Galium hardhamiae</i> | 1B | 2-1-3 |
| <i>Galium hilendiae</i> ssp. <i>carneum</i> | 1B | 2-1-3 |
| <i>Galium hilendiae</i> ssp. <i>kingstonense</i> | 1B | 3-1-2 |
| <i>Galium hypotrichium</i> ssp. <i>tomentellum</i> | 1B | 3-1-3 |
| <i>Galium serpenticum</i> ssp. <i>scotticum</i> | 1B | 2-2-3 |
| <i>Galium serpenticum</i> ssp. <i>warnerense</i> | 1B | 3-2-2 |
| <i>Galvezia speciosa</i> | 1B | 2-2-2 |
| <i>Gentiana setigera</i> | 1B | 3-2-2 |

Attachment 1-10

| | | |
|--|----|-------|
| <i>Gilia capitata</i> ssp. <i>chamissonis</i> | 1B | 2-3-3 |
| <i>Gilia capitata</i> ssp. <i>pacifica</i> | 1B | 2-2-2 |
| <i>Gilia capitata</i> ssp. <i>tomentosa</i> | 1B | 3-3-3 |
| <i>Gilia leptantha</i> ssp. <i>leptantha</i> | 1B | 2-1-3 |
| <i>Gilia millefoliata</i> | 1B | 2-2-2 |
| <i>Gilia tenuiflora</i> ssp. <i>arenaria</i> | 1B | 3-2-3 |
| <i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i> | 1B | 3-3-3 |
| <i>Gilia yorkii</i> | 1B | 3-2-3 |
| <i>Gilmania luteola</i> | 1B | 3-1-3 |
| <i>Githopsis tenella</i> | 1B | 2-1-3 |

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|---|----|-------|
| <i>Glossopetalon pungens</i> | 1B | 3-2-2 |
| <i>Gratiola heterosepala</i> | 1B | 1-2-2 |
| <i>Grindelia fraxino-pratensis</i> | 1B | 3-2-2 |
| <i>Grindelia hirsutula</i> var. <i>hallii</i> | 1B | 2-2-3 |
| <i>Grindelia hirsutula</i> var. <i>maritima</i> | 1B | 2-2-3 |
| <i>Harmonia doris-nilesiae</i> | 1B | 3-3-3 |
| <i>Harmonia hallii</i> | 1B | 2-2-3 |
| <i>Harmonia stebbinsii</i> | 1B | 3-2-3 |
| <i>Hazardia cana</i> | 1B | 3-2-2 |
| <i>Hazardia orcuttii</i> | 1B | 3-3-2 |
| <i>Helianthella castanea</i> | 1B | 2-2-3 |
| <i>Helianthemum greenei</i> | 1B | 3-2-3 |
| <i>Helianthus niveus</i> ssp. <i>tephrodes</i> | 1B | 3-2-2 |
| <i>Hesperolinon adenophyllum</i> | 1B | 2-2-3 |
| <i>Hesperolinon bicarpellatum</i> | 1B | 2-2-3 |
| <i>Hesperolinon breweri</i> | 1B | 2-2-3 |
| <i>Hesperolinon congestum</i> | 1B | 3-3-3 |
| <i>Hesperolinon didymocarpum</i> | 1B | 3-2-3 |
| <i>Hesperolinon drymariooides</i> | 1B | 3-2-3 |
| <i>Hesperolinon serpentinum</i> | 1B | 3-2-3 |
| <i>Hesperolinon tehamense</i> | 1B | 3-1-3 |
| <i>Heterotheca monachensis</i> | 1B | 3-1-3 |
| <i>Heterotheca shewockii</i> | 1B | 2-1-3 |
| <i>Heuchera brevistaminea</i> | 1B | 3-1-3 |
| <i>Heuchera hirsutissima</i> | 1B | 3-1-3 |
| <i>Heuchera maxima</i> | 1B | 2-2-3 |
| <i>Heuchera parishii</i> | 1B | 2-1-3 |
| <i>Hoita strobilina</i> | 1B | 2-3-3 |
| <i>Holocarpha macradenia</i> | 1B | 3-3-3 |
| <i>Horkelia bolanderi</i> | 1B | 3-2-3 |
| <i>Horkelia cuneata</i> ssp. <i>puberula</i> | 1B | 2-3-3 |
| <i>Horkelia cuneata</i> ssp. <i>sericea</i> | 1B | 3-3-3 |
| <i>Horkelia hendersonii</i> | 1B | 3-3-2 |
| <i>Horkelia hispidula</i> | 1B | 3-1-3 |
| <i>Horkelia marinensis</i> | 1B | 3-2-3 |
| <i>Horkelia parryi</i> | 1B | 2-2-3 |
| <i>Horkelia tenuiloba</i> | 1B | 2-2-3 |
| <i>Horkelia truncata</i> | 1B | 3-1-2 |
| <i>Horkelia tularensis</i> | 1B | 3-1-3 |
| <i>Horkelia wilderae</i> | 1B | 3-3-3 |
| <i>Hulsea brevifolia</i> | 1B | 2-2-3 |
| <i>Hulsea californica</i> | 1B | 2-1-3 |
| <i>Hulsea vestita</i> ssp. <i>pygmaea</i> | 1B | 2-1-3 |
| <i>Iliamna bakeri</i> | 1B | 2-2-2 |

Attachment 1-11

| | | |
|--|----|-------|
| <i>Iris hartwegii</i> ssp. <i>columbiana</i> | 1B | 2-2-3 |
| <i>Iris munzii</i> | 1B | 2-1-3 |
| <i>Isocoma arguta</i> | 1B | 3-3-3 |
| <i>Isocoma menziesii</i> var. <i>decumbens</i> | 1B | 2-2-2 |
| <i>Ivesia aperta</i> var. <i>aperta</i> | 1B | 2-2-2 |
| <i>Ivesia aperta</i> var. <i>canina</i> | 1B | 3-3-3 |
| <i>Ivesia argyrocoma</i> | 1B | 2-2-2 |
| <i>Ivesia callida</i> | 1B | 3-1-3 |
| <i>Ivesia campestris</i> | 1B | 2-2-3 |
| <i>Ivesia jaegeri</i> | 1B | 3-1-2 |
| <i>Ivesia kingii</i> var. <i>kingii</i> | 1B | 3-2-2 |

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|---|----|-------|
| <i>Ivesia longibracteata</i> | 1B | 3-1-3 |
| <i>Ivesia paniculata</i> | 1B | 2-2-3 |
| <i>Ivesia patellifera</i> | 1B | 3-1-3 |
| <i>Ivesia pickeringii</i> | 1B | 3-2-3 |
| <i>Ivesia sericoleuca</i> | 1B | 1-2-3 |
| <i>Ivesia webberi</i> | 1B | 3-3-2 |
| <i>Juglans hindsii</i> | 1B | 3-3-3 |
| <i>Juncus leiospermus</i> var. <i>ahartii</i> | 1B | 3-2-3 |
| <i>Juncus leiospermus</i> var. <i>leiospermus</i> | 1B | 2-3-3 |
| <i>Lasthenia burkei</i> | 1B | 3-3-3 |
| <i>Lasthenia conjugens</i> | 1B | 3-3-3 |
| <i>Lasthenia glabrata</i> ssp. <i>coulteri</i> | 1B | 2-3-2 |
| <i>Lasthenia macrantha</i> ssp. <i>bakeri</i> | 1B | 2-2-3 |
| <i>Lasthenia macrantha</i> ssp. <i>macrantha</i> | 1B | 2-2-3 |
| <i>Lathyrus biflorus</i> | 1B | 3-3-3 |
| <i>Lathyrus jepsonii</i> var. <i>jepsonii</i> | 1B | 2-2-3 |
| <i>Lavatera assurgentiflora</i> ssp. <i>assurgentiflora</i> | 1B | 3-3-3 |
| <i>Lavatera assurgentiflora</i> ssp. <i>glabra</i> | 1B | 3-3-3 |
| <i>Layia carnosa</i> | 1B | 3-3-3 |
| <i>Layia discoidea</i> | 1B | 2-3-3 |
| <i>Layia heterotricha</i> | 1B | 3-3-3 |
| <i>Layia jonesii</i> | 1B | 3-2-3 |
| <i>Layia leucopappa</i> | 1B | 3-3-3 |
| <i>Layia munzii</i> | 1B | 2-2-3 |
| <i>Layia septentrionalis</i> | 1B | 2-2-3 |
| <i>Legenere limosa</i> | 1B | 2-3-3 |
| <i>Lepechinia cardiophylla</i> | 1B | 3-2-2 |
| <i>Lepechinia ganderi</i> | 1B | 3-1-2 |
| <i>Lepidium flavum</i> var. <i>felipense</i> | 1B | 3-2-3 |
| <i>Lepidium jaredii</i> ssp. <i>album</i> | 1B | 3-2-3 |
| <i>Lepidium jaredii</i> ssp. <i>jaredii</i> | 1B | 3-2-3 |
| <i>Lepidium latipes</i> var. <i>heckardii</i> | 1B | 3-2-3 |
| <i>Lepidium virginicum</i> var. <i>robinsonii</i> | 1B | 3-2-2 |
| <i>Leptodactylon jaegeri</i> | 1B | 2-2-3 |
| <i>Lesquerella kingii</i> ssp. <i>bernardina</i> | 1B | 3-3-3 |
| <i>Lessingia arachnoidea</i> | 1B | 3-2-3 |
| <i>Lessingia germanorum</i> | 1B | 3-3-3 |
| <i>Lessingia glandulifera</i> var. <i>tomentosa</i> | 1B | 2-1-3 |
| <i>Lessingia micradenia</i> var. <i>glabrata</i> | 1B | 3-2-3 |
| <i>Lessingia micradenia</i> var. <i>micradenia</i> | 1B | 3-2-3 |
| <i>Lewisia cantelovii</i> | 1B | 2-2-3 |
| <i>Lewisia congdonii</i> | 1B | 3-1-3 |
| <i>Lewisia cotyledon</i> var. <i>heckneri</i> | 1B | 2-2-3 |

Attachment 1-12

| | | |
|--|----|-------|
| <i>Lewisia disepala</i> | 1B | 2-2-3 |
| <i>Lewisia longipetala</i> | 1B | 3-1-3 |
| <i>Lewisia serrata</i> | 1B | 3-3-3 |
| <i>Lewisia stebbinsii</i> | 1B | 3-2-3 |
| <i>Lilaeopsis masonii</i> | 1B | 2-3-3 |
| <i>Lilium maritimum</i> | 1B | 2-3-3 |
| <i>Lilium occidentale</i> | 1B | 3-3-2 |
| <i>Lilium pardalinum</i> ssp. <i>pitkinense</i> | 1B | 3-3-3 |
| <i>Lilium parryi</i> | 1B | 2-2-2 |
| <i>Limnanthes bakeri</i> | 1B | 3-3-3 |
| <i>Limnanthes douglasii</i> ssp. <i>sulphurea</i> | 1B | 3-2-3 |
| <i>Limnanthes floccosa</i> ssp. <i>bellingeriana</i> | 1B | 3-2-2 |

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| <i>Limnanthes floccosa</i> ssp. <i>californica</i> | 1B | 3-3-3 |
| <i>Limnanthes gracilis</i> ssp. <i>parishii</i> | 1B | 2-2-3 |
| <i>Limnanthes vinculans</i> | 1B | 2-3-3 |
| <i>Linanthus concinnus</i> | 1B | 3-2-3 |
| <i>Linanthus croceus</i> | 1B | 3-3-3 |
| <i>Linanthus floribundus</i> ssp. <i>hallii</i> | 1B | 3-1-3 |
| <i>Linanthus jepsonii</i> | 1B | 2-2-3 |
| <i>Linanthus killipii</i> | 1B | 2-2-3 |
| <i>Linanthus maculatus</i> | 1B | 3-2-3 |
| <i>Linanthus nuttallii</i> ssp. <i>howellii</i> | 1B | 3-1-3 |
| <i>Linanthus orcuttii</i> | 1B | 2-1-2 |
| <i>Linanthus pygmaeus</i> ssp. <i>pygmaeus</i> | 1B | 3-2-2 |
| <i>Linanthus rosaceus</i> | 1B | 3-3-3 |
| <i>Linanthus serrulatus</i> | 1B | 2-2-3 |
| <i>Lithophragma maximum</i> | 1B | 3-3-3 |
| <i>Lomatium congdonii</i> | 1B | 2-2-3 |
| <i>Lomatium insulare</i> | 1B | 2-2-2 |
| <i>Lomatium observatorium</i> | 1B | 3-2-3 |
| <i>Lomatium shevockii</i> | 1B | 3-1-3 |
| <i>Lomatium stebbinsii</i> | 1B | 3-2-3 |
| <i>Lonicera subspicata</i> var. <i>subspicata</i> | 1B | 2-2-3 |
| <i>Lotus argophyllus</i> var. <i>adsurgens</i> | 1B | 3-3-3 |
| <i>Lotus argyraeus</i> var. <i>multicaulis</i> | 1B | 3-1-3 |
| <i>Lotus argyraeus</i> var. <i>notitius</i> | 1B | 3-1-3 |
| <i>Lotus crassifolius</i> var. <i>otayensis</i> | 1B | 3-3-2 |
| <i>Lotus dendroideus</i> var. <i>traskiae</i> | 1B | 3-3-3 |
| <i>Lotus haydonii</i> | 1B | 2-1-2 |
| <i>Lotus nuttallianus</i> | 1B | 3-3-2 |
| <i>Lotus oblongifolius</i> var. <i>cupreus</i> | 1B | 2-1-3 |
| <i>Lotus rubriflorus</i> | 1B | 3-3-3 |
| <i>Lupinus antoninus</i> | 1B | 3-1-3 |
| <i>Lupinus citrinus</i> var. <i>citrinus</i> | 1B | 2-2-3 |
| <i>Lupinus citrinus</i> var. <i>deflexus</i> | 1B | 3-2-3 |
| <i>Lupinus constancei</i> | 1B | 3-2-3 |
| <i>Lupinus dalesiae</i> | 1B | 1-2-3 |
| <i>Lupinus duranii</i> | 1B | 2-2-3 |
| <i>Lupinus elmeri</i> | 1B | 3-2-3 |
| <i>Lupinus excubitus</i> var. <i>medius</i> | 1B | 2-1-2 |
| <i>Lupinus gracilentus</i> | 1B | 2-1-3 |
| <i>Lupinus guadalupensis</i> | 1B | 3-2-2 |
| <i>Lupinus latifolius</i> var. <i>barbatus</i> | 1B | 3-2-2 |
| <i>Lupinus lepidus</i> var. <i>culbertsonii</i> | 1B | 3-1-3 |

Attachment 1-13

| | | |
|---|----|-------|
| <i>Lupinus ludovicianus</i> | 1B | 3-2-3 |
| <i>Lupinus magnificus</i> var. <i>hesperius</i> | 1B | 3-1-3 |
| <i>Lupinus magnificus</i> var. <i>magnificus</i> | 1B | 3-1-3 |
| <i>Lupinus milo-bakeri</i> | 1B | 2-3-3 |
| <i>Lupinus nipomensis</i> | 1B | 3-3-3 |
| <i>Lupinus padre-crowleyi</i> | 1B | 3-2-3 |
| <i>Lupinus peirsonii</i> | 1B | 2-1-3 |
| <i>Lupinus sericatus</i> | 1B | 2-2-3 |
| <i>Lupinus spectabilis</i> | 1B | 2-2-3 |
| <i>Lupinus tidestromii</i> | 1B | 3-3-3 |
| <i>Lycium brevipes</i> var. <i>hassei</i> | 1B | 3-3-3 |
| <i>Lychnothamnus floribundus</i> ssp. <i>aspleniifolius</i> | 1B | 2-2-3 |
| <i>Lychnothamnus floribundus</i> ssp. <i>floribundus</i> | 1B | 3-2-3 |

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| <i>Machaeranthera canescens</i> var. <i>ziegleri</i> | 1B | 3-2-3 |
| <i>Madia radiata</i> | 1B | 2-3-3 |
| <i>Malacothamnus abbottii</i> | 1B | 3-3-3 |
| <i>Malacothamnus aboriginum</i> | 1B | 2-2-3 |
| <i>Malacothamnus arcuatus</i> | 1B | 2-2-3 |
| <i>Malacothamnus clementinus</i> | 1B | 3-3-3 |
| <i>Malacothamnus davidsonii</i> | 1B | 2-2-3 |
| <i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i> | 1B | 3-3-3 |
| <i>Malacothamnus hallii</i> | 1B | 3-2-3 |
| <i>Malacothamnus palmeri</i> var. <i>involucratus</i> | 1B | 2-2-3 |
| <i>Malacothamnus palmeri</i> var. <i>lucianus</i> | 1B | 3-2-3 |
| <i>Malacothamnus palmeri</i> var. <i>palmeri</i> | 1B | 2-2-3 |
| <i>Malacothrix foliosa</i> ssp. <i>crispifolia</i> | 1B | 3-2-3 |
| <i>Malacothrix foliosa</i> ssp. <i>philbrickii</i> | 1B | 2-2-3 |
| <i>Malacothrix indecora</i> | 1B | 3-3-3 |
| <i>Malacothrix junakii</i> | 1B | 3-3-3 |
| <i>Malacothrix saxatilis</i> var. <i>arachnoidea</i> | 1B | 3-2-3 |
| <i>Malacothrix squalida</i> | 1B | 3-3-3 |
| <i>Marina orcuttii</i> var. <i>orcuttii</i> | 1B | 3-1-2 |
| <i>Maurandya petrophila</i> | 1B | 3-2-3 |
| <i>Meconella oregana</i> | 1B | 3-3-2 |
| <i>Mentzelia tridentata</i> | 1B | 2-1-3 |
| <i>Microseris paludosa</i> | 1B | 2-2-3 |
| <i>Mimulus evanescens</i> | 1B | 3-2-2 |
| <i>Mimulus exiguus</i> | 1B | 2-2-2 |
| <i>Mimulus filicaulis</i> | 1B | 2-2-3 |
| <i>Mimulus gracilipes</i> | 1B | 2-2-3 |
| <i>Mimulus mohavensis</i> | 1B | 2-2-3 |
| <i>Mimulus norrisii</i> | 1B | 3-1-3 |
| <i>Mimulus pictus</i> | 1B | 2-2-3 |
| <i>Mimulus pulchellus</i> | 1B | 2-2-3 |
| <i>Mimulus purpureus</i> | 1B | 2-2-2 |
| <i>Mimulus shevockii</i> | 1B | 3-2-3 |
| <i>Minuartia decumbens</i> | 1B | 3-2-3 |
| <i>Minuartia howellii</i> | 1B | 2-1-2 |
| <i>Minuartia stolonifera</i> | 1B | 3-1-3 |
| <i>Monardella beneolens</i> | 1B | 3-1-3 |
| <i>Monardella crispa</i> | 1B | 2-2-3 |
| <i>Monardella douglasii</i> ssp. <i>venosa</i> | 1B | 3-3-3 |
| <i>Monardella follettii</i> | 1B | 3-2-3 |
| <i>Monardella frutescens</i> | 1B | 2-2-3 |

Attachment 1-14

| | | |
|---|----|-------|
| <i>Monardella hypoleuca</i> ssp. <i>lanata</i> | 1B | 2-2-2 |
| <i>Monardella linooides</i> ssp. <i>oblonga</i> | 1B | 3-1-3 |
| <i>Monardella linooides</i> ssp. <i>viminea</i> | 1B | 2-3-2 |
| <i>Monardella macrantha</i> ssp. <i>hallii</i> | 1B | 2-1-3 |
| <i>Monardella nana</i> ssp. <i>leptosiphon</i> | 1B | 3-2-2 |
| <i>Monardella palmeri</i> | 1B | 2-2-3 |
| <i>Monardella robisonii</i> | 1B | 3-1-3 |
| <i>Monardella stebbinsii</i> | 1B | 3-1-3 |
| <i>Monardella villosa</i> ssp. <i>globosa</i> | 1B | 3-2-3 |
| <i>Monolopia congdonii</i> | 1B | 2-2-3 |
| <i>Muilla clevelandii</i> | 1B | 2-3-2 |
| <i>Navarretia fossalis</i> | 1B | 2-3-2 |
| <i>Navarretia leucocephala</i> ssp. <i>bakeri</i> | 1B | 2-3-3 |
| <i>Navarretia leucocephala</i> ssp. <i>pauciflora</i> | 1B | 3-3-3 |

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| <i>Navarretia leucocephala</i> ssp. <i>plieantha</i> | 1B | 3-2-3 |
| <i>Navarretia myersii</i> ssp. <i>deminuta</i> | 1B | 3-3-3 |
| <i>Navarretia myersii</i> ssp. <i>myersii</i> | 1B | 3-3-3 |
| <i>Navarretia nigelliformis</i> ssp. <i>radians</i> | 1B | 2-2-3 |
| <i>Navarretia peninsularis</i> | 1B | 2-2-2 |
| <i>Navarretia prostrata</i> | 1B | 2-3-3 |
| <i>Navarretia rosulata</i> | 1B | 2-2-3 |
| <i>Navarretia setiloba</i> | 1B | 3-3-3 |
| <i>Nemacaulis denudata</i> var. <i>denudata</i> | 1B | 2-2-2 |
| <i>Nemacladus twisselmannii</i> | 1B | 3-2-3 |
| <i>Neostapfia colusana</i> | 1B | 2-3-3 |
| <i>Neviusia cliftonii</i> | 1B | 3-2-3 |
| <i>Nitrophila mohavensis</i> | 1B | 3-3-2 |
| <i>Nolina cismontana</i> | 1B | 3-2-3 |
| <i>Nolina interrrata</i> | 1B | 3-3-2 |
| <i>Oenothera californica</i> ssp. <i>eurekensis</i> | 1B | 3-2-3 |
| <i>Oenothera deltoides</i> ssp. <i>howellii</i> | 1B | 3-3-3 |
| <i>Oenothera wolfii</i> | 1B | 3-3-2 |
| <i>Opuntia basilaris</i> var. <i>brachyclada</i> | 1B | 3-2-3 |
| <i>Opuntia basilaris</i> var. <i>treleasei</i> | 1B | 3-3-3 |
| <i>Opuntia californica</i> var. <i>californica</i> | 1B | 3-3-2 |
| <i>Opuntia munzii</i> | 1B | 3-1-3 |
| <i>Orcuttia californica</i> | 1B | 3-3-2 |
| <i>Orcuttia inaequalis</i> | 1B | 2-3-3 |
| <i>Orcuttia pilosa</i> | 1B | 2-3-3 |
| <i>Orcuttia tenuis</i> | 1B | 2-3-3 |
| <i>Orcuttia viscosa</i> | 1B | 3-3-3 |
| <i>Oreonana purpurascens</i> | 1B | 2-2-3 |
| <i>Oreonana vestita</i> | 1B | 2-1-3 |
| <i>Oreostemma elatum</i> | 1B | 3-2-3 |
| <i>Orobanche valida</i> ssp. <i>valida</i> | 1B | 3-2-3 |
| <i>Orthocarpus pachystachyus</i> | 1B | 3-3-3 |
| <i>Oxytheca emarginata</i> | 1B | 2-1-3 |
| <i>Oxytheca parishii</i> var. <i>abramsii</i> | 1B | 2-2-3 |
| <i>Oxytheca parishii</i> var. <i>cienegensis</i> | 1B | 3-1-3 |
| <i>Oxytheca parishii</i> var. <i>goodmaniana</i> | 1B | 3-3-3 |
| <i>Palafoxia arida</i> var. <i>gigantea</i> | 1B | 2-1-2 |
| <i>Parnassia cirrata</i> | 1B | 2-1-3 |
| <i>Paronychia ahartii</i> | 1B | 3-2-3 |
| <i>Pedicularis dudleyi</i> | 1B | 3-2-3 |

Attachment 1-15

| | | |
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| <i>Penstemon albomarginatus</i> | 1B | 3-2-2 |
| <i>Penstemon californicus</i> | 1B | 3-2-2 |
| <i>Penstemon filiformis</i> | 1B | 2-1-3 |
| <i>Penstemon fruticiformis</i> var. <i>amargosae</i> | 1B | 3-1-2 |
| <i>Penstemon newberryi</i> var. <i>sonomensis</i> | 1B | 3-1-3 |
| <i>Penstemon personatus</i> | 1B | 2-2-3 |
| <i>Penstemon rattanii</i> var. <i>kleei</i> | 1B | 3-2-3 |
| <i>Penstemon stephensii</i> | 1B | 2-1-3 |
| <i>Penstemon sudans</i> | 1B | 2-1-2 |
| <i>Penstemon tracyi</i> | 1B | 3-1-3 |
| <i>Pentachaeta bellidiflora</i> | 1B | 3-3-3 |
| <i>Pentachaeta exilis</i> ssp. <i>aeolica</i> | 1B | 3-2-3 |
| <i>Pentachaeta lyonii</i> | 1B | 3-3-3 |
| <i>Perityle inyoensis</i> | 1B | 3-2-3 |
| <i>Perityle villosa</i> | 1B | 3-1-3 |

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| Petalonyx thurberi ssp. gilmanii | 1B | 2-1-3 |
| Petrophyton caespitosum ssp. acuminatum | 1B | 3-1-3 |
| Phacelia argentea | 1B | 3-3-2 |
| Phacelia ciliata var. opaca | 1B | 3-1-3 |
| Phacelia cookei | 1B | 3-3-3 |
| Phacelia floribunda | 1B | 3-2-2 |
| Phacelia greenei | 1B | 2-2-3 |
| Phacelia insularis var. continentis | 1B | 3-2-3 |
| Phacelia insularis var. insularis | 1B | 3-2-3 |
| Phacelia inundata | 1B | 2-1-2 |
| Phacelia inyoensis | 1B | 2-2-3 |
| Phacelia leonis | 1B | 2-1-2 |
| Phacelia monoensis | 1B | 3-3-2 |
| Phacelia mustelina | 1B | 2-1-2 |
| Phacelia nashiana | 1B | 1-2-3 |
| Phacelia novenmillensis | 1B | 3-2-3 |
| Phacelia parishii | 1B | 3-3-2 |
| Phacelia perityloides var. jaegeri | 1B | 3-1-2 |
| Phacelia phacelioides | 1B | 3-2-3 |
| Phacelia stebbinsii | 1B | 2-2-3 |
| Phacelia stellaris | 1B | 3-3-2 |
| Phacelia suaveolens ssp. keckii | 1B | 3-1-3 |
| Phlox dolichantha | 1B | 2-2-3 |
| Phlox hirsuta | 1B | 3-2-3 |
| Pholisma sonorae | 1B | 2-2-2 |
| Pinus contorta ssp. bolanderi | 1B | 2-2-3 |
| Pinus radiata | 1B | 3-3-2 |
| Pinus torreyana ssp. insularis | 1B | 3-2-3 |
| Pinus torreyana ssp. torreyana | 1B | 3-2-3 |
| Piperia elegans ssp. decurtata | 1B | 3-3-3 |
| Piperia yadonii | 1B | 3-3-3 |
| Plagiobothrys chorisianus var. chorisianus | 1B | 2-2-3 |
| Plagiobothrys diffusus | 1B | 3-3-3 |
| Plagiobothrys parishii | 1B | 3-3-3 |
| Plagiobothrys strictus | 1B | 3-3-3 |
| Plagiobothrys torreyi var. torreyi | 1B | 3-2-3 |
| Plagiobothrys uncinatus | 1B | 2-2-3 |
| Platystemon californicus var. ciliatus | 1B | 3-2-3 |
| Pleuropogon hooverianus | 1B | 3-3-3 |
| Poa atropurpurea | 1B | 2-2-3 |

Attachment 1-16

| | | |
|--|----|-------|
| Poa napensis | 1B | 3-3-3 |
| Pogogyne abramsii | 1B | 2-3-3 |
| Pogogyne clareana | 1B | 3-2-3 |
| Pogogyne floribunda | 1B | 2-2-3 |
| Pogogyne nudiuscula | 1B | 3-3-2 |
| Polemonium chartaceum | 1B | 3-1-2 |
| Polyctenium williamsiae | 1B | 3-2-2 |
| Polygonum hickmanii | 1B | 3-3-3 |
| Polygonum polygaloides ssp. esotericum | 1B | 3-3-3 |
| Potentilla basaltica | 1B | 3-1-2 |
| Potentilla cristae | 1B | 3-1-3 |
| Potentilla glandulosa ssp. ewanii | 1B | 3-1-3 |
| Potentilla hickmanii | 1B | 3-3-3 |
| Potentilla morefieldii | 1B | 2-1-3 |
| Pseudobahia bahiifolia | 1B | 2-3-3 |
| Pseudobahia peirsonii | 1B | 2-3-3 |

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| <i>Puccinellia howellii</i> | 1B | 3-3-3 |
| <i>Puccinellia parishii</i> | 1B | 3-3-2 |
| <i>Pyrrocoma lucida</i> | 1B | 3-1-3 |
| <i>Pyrrocoma uniflora</i> var. <i>gossypina</i> | 1B | 2-2-3 |
| <i>Quercus dumosa</i> | 1B | 2-3-2 |
| <i>Quercus parvula</i> var. <i>tamalpaisensis</i> | 1B | 3-1-3 |
| <i>Raiillardella pringlei</i> | 1B | 2-2-3 |
| <i>Rhynchospora californica</i> | 1B | 3-3-3 |
| <i>Ribes canthariforme</i> | 1B | 3-1-3 |
| <i>Ribes divaricatum</i> var. <i>parishii</i> | 1B | 3-3-3 |
| <i>Ribes menziesii</i> var. <i>ixoderme</i> | 1B | 2-2-3 |
| <i>Ribes thacherianum</i> | 1B | 2-2-3 |
| <i>Ribes tularensis</i> | 1B | 2-1-3 |
| <i>Ribes viburnifolium</i> | 1B | 2-2-2 |
| <i>Rorippa columbiae</i> | 1B | 3-2-2 |
| <i>Rorippa gambelii</i> | 1B | 3-3-2 |
| <i>Rorippa subumbellata</i> | 1B | 3-3-2 |
| <i>Rosa pinetorum</i> | 1B | 3-2-3 |
| <i>Rubus glaucifolius</i> var. <i>ganderi</i> | 1B | 3-1-3 |
| <i>Rupertia hallii</i> | 1B | 3-2-3 |
| <i>Sagittaria sanfordii</i> | 1B | 2-2-3 |
| <i>Salvia brandegeei</i> | 1B | 2-2-2 |
| <i>Salvia greatae</i> | 1B | 2-1-3 |
| <i>Sanicula maritima</i> | 1B | 3-3-3 |
| <i>Sanicula saxatilis</i> | 1B | 3-2-3 |
| <i>Satureja chandleri</i> | 1B | 2-2-2 |
| <i>Scrophularia atrata</i> | 1B | 2-2-3 |
| <i>Scrophularia villosa</i> | 1B | 3-2-3 |
| <i>Scutellaria bolanderi</i> ssp. <i>austromontana</i> | 1B | 2-2-3 |
| <i>Sedella leiocarpa</i> | 1B | 3-3-3 |
| <i>Sedum albomarginatum</i> | 1B | 3-2-3 |
| <i>Sedum eastwoodiae</i> | 1B | 3-2-3 |
| <i>Sedum oblanceolatum</i> | 1B | 3-3-2 |
| <i>Sedum paradisum</i> | 1B | 3-1-3 |
| <i>Senecio bernardinus</i> | 1B | 2-2-3 |
| <i>Senecio clevelandii</i> var. <i>heterophyllum</i> | 1B | 3-2-3 |
| <i>Senecio eurycephalus</i> var. <i>lewisrosei</i> | 1B | 2-2-3 |
| <i>Senecio ganderi</i> | 1B | 3-2-3 |
| <i>Senecio layneae</i> | 1B | 2-2-3 |

Attachment 1-17

| | | |
|---|----|-------|
| <i>Senecio pattersonensis</i> | 1B | 2-1-2 |
| <i>Sibara filifolia</i> | 1B | 3-3-3 |
| <i>Sibaropsis hammittii</i> | 1B | 3-2-3 |
| <i>Sidalcea calycosa</i> ssp. <i>rhizomata</i> | 1B | 2-2-3 |
| <i>Sidalcea covillei</i> | 1B | 2-3-3 |
| <i>Sidalcea hickmanii</i> ssp. <i>anomala</i> | 1B | 3-2-3 |
| <i>Sidalcea hickmanii</i> ssp. <i>hickmanii</i> | 1B | 2-1-3 |
| <i>Sidalcea hickmanii</i> ssp. <i>parishii</i> | 1B | 3-2-3 |
| <i>Sidalcea hickmanii</i> ssp. <i>viridis</i> | 1B | 3-1-3 |
| <i>Sidalcea keckii</i> | 1B | 3-3-3 |
| <i>Sidalcea malachroides</i> | 1B | 2-2-2 |
| <i>Sidalcea malviflora</i> ssp. <i>patula</i> | 1B | 3-2-2 |
| <i>Sidalcea malviflora</i> ssp. <i>purpurea</i> | 1B | 2-2-3 |
| <i>Sidalcea oregana</i> ssp. <i>eximia</i> | 1B | 3-2-3 |
| <i>Sidalcea oregana</i> ssp. <i>hydrophila</i> | 1B | 2-2-3 |
| <i>Sidalcea oregana</i> ssp. <i>valida</i> | 1B | 3-3-3 |
| <i>Sidalcea pedata</i> | 1B | 3-3-3 |

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| <i>Sidalcea robusta</i> | 1B | 2-2-3 |
| <i>Sidalcea stipularis</i> | 1B | 3-3-3 |
| <i>Silene marmorensis</i> | 1B | 2-2-3 |
| <i>Silene occidentalis</i> ssp. <i>longistipitata</i> | 1B | 3-2-3 |
| <i>Silene verecunda</i> ssp. <i>verecunda</i> | 1B | 3-2-3 |
| <i>Sisyrinchium funereum</i> | 1B | 3-1-2 |
| <i>Smelowskia ovalis</i> var. <i>congesta</i> | 1B | 3-2-3 |
| <i>Smilax jamesii</i> | 1B | 2-1-3 |
| <i>Solanum wallacei</i> | 1B | 3-3-2 |
| <i>Sphaeralcea rusbyi</i> var. <i>eremicola</i> | 1B | 3-2-3 |
| <i>Stebbinsoseris decipiens</i> | 1B | 2-2-3 |
| <i>Stephanomeria blairii</i> | 1B | 3-2-3 |
| <i>Streptanthus albidus</i> ssp. <i>albidus</i> | 1B | 3-3-3 |
| <i>Streptanthus albidus</i> ssp. <i>peramoenus</i> | 1B | 2-2-3 |
| <i>Streptanthus batrachopus</i> | 1B | 3-1-3 |
| <i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i> | 1B | 3-2-3 |
| <i>Streptanthus brachiatus</i> ssp. <i>hoffmannii</i> | 1B | 3-2-3 |
| <i>Streptanthus breweri</i> var. <i>hesperidis</i> | 1B | 2-2-3 |
| <i>Streptanthus callistus</i> | 1B | 3-1-3 |
| <i>Streptanthus campestris</i> | 1B | 2-1-2 |
| <i>Streptanthus cordatus</i> var. <i>piutensis</i> | 1B | 3-2-3 |
| <i>Streptanthus fenestratus</i> | 1B | 2-1-3 |
| <i>Streptanthus glandulosus</i> ssp. <i>pulchellus</i> | 1B | 3-2-3 |
| <i>Streptanthus glandulosus</i> var. <i>hoffmannii</i> | 1B | 3-1-3 |
| <i>Streptanthus gracilis</i> | 1B | 2-1-3 |
| <i>Streptanthus hispidus</i> | 1B | 3-1-3 |
| <i>Streptanthus howellii</i> | 1B | 3-2-2 |
| <i>Streptanthus insignis</i> ssp. <i>lyonii</i> | 1B | 3-2-3 |
| <i>Streptanthus morrisonii</i> ssp. <i>elatus</i> | 1B | 3-2-3 |
| <i>Streptanthus morrisonii</i> ssp. <i>hirtiflorus</i> | 1B | 3-2-3 |
| <i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i> | 1B | 3-2-3 |
| <i>Streptanthus morrisonii</i> ssp. <i>morrisonii</i> | 1B | 3-2-3 |
| <i>Streptanthus niger</i> | 1B | 3-3-3 |
| <i>Streptanthus oliganthus</i> | 1B | 2-2-2 |
| <i>Stylocline citroleum</i> | 1B | 3-3-3 |
| <i>Stylocline masonii</i> | 1B | 3-3-3 |
| <i>Suaeda californica</i> | 1B | 3-3-3 |
| <i>Suaeda esteroa</i> | 1B | 2-2-2 |

Attachment 1-18

| | | |
|---|----|-------|
| <i>Swallenia alexandrae</i> | 1B | 3-2-3 |
| <i>Taraxacum californicum</i> | 1B | 3-2-3 |
| <i>Tauschia howellii</i> | 1B | 3-1-2 |
| <i>Tetracoccus dioicus</i> | 1B | 3-2-2 |
| <i>Tetracoccus ilicifolius</i> | 1B | 3-1-3 |
| <i>Thelypodium howellii</i> ssp. <i>howellii</i> | 1B | 2-2-2 |
| <i>Thelypodium stenopetalum</i> | 1B | 3-3-3 |
| <i>Thermopsis californica</i> var. <i>semota</i> | 1B | 2-2-3 |
| <i>Thermopsis macrophylla</i> | 1B | 3-1-3 |
| <i>Thermopsis robusta</i> | 1B | 2-2-3 |
| <i>Thlaspi californicum</i> | 1B | 3-3-3 |
| <i>Thysanocarpus conchuliferus</i> | 1B | 3-2-3 |
| <i>Tracyina rostrata</i> | 1B | 3-2-3 |
| <i>Trichostema austromontanum</i> ssp. <i>compactum</i> | 1B | 3-3-3 |
| <i>Trifolium amoenum</i> | 1B | 3-3-3 |
| <i>Trifolium bolanderi</i> | 1B | 2-2-3 |
| <i>Trifolium buckwestiorum</i> | 1B | 3-3-3 |
| <i>Trifolium dedeckerae</i> | 1B | 3-1-3 |

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| <i>Trifolium depauperatum</i> var. <i>hydrophilum</i> | 1B | 3-2-3 |
| <i>Trifolium jokerstii</i> | 1B | 3-2-3 |
| <i>Trifolium polyodon</i> | 1B | 3-3-3 |
| <i>Trifolium trichocalyx</i> | 1B | 3-3-3 |
| <i>Triphysaria floribunda</i> | 1B | 2-2-3 |
| <i>Triteleia clementina</i> | 1B | 3-2-3 |
| <i>Triteleia ixiooides</i> ssp. <i>cookii</i> | 1B | 2-1-3 |
| <i>Tuctoria greenei</i> | 1B | 2-3-3 |
| <i>Tuctoria mucronata</i> | 1B | 3-3-3 |
| <i>Twisselmannia californica</i> | 1B | 3-3-3 |
| <i>Verbena californica</i> | 1B | 3-3-3 |
| <i>Verbesina dissita</i> | 1B | 3-3-2 |
| <i>Viola pinetorum</i> ssp. <i>grisea</i> | 1B | 3-1-3 |
| <i>Viola primulifolia</i> ssp. <i>occidentalis</i> | 1B | 2-2-2 |
| <i>Wyethia reticulata</i> | 1B | 2-2-3 |
| <i>Xylorhiza cognata</i> | 1B | 2-2-3 |
| <i>Xylorhiza orcuttii</i> | 1B | 2-2-2 |

Attachment 1-19